SUPER CPAP POWER PACK

USER'S GUIDE

MODELS: C-150, C-222, C-444

SUPER CPAP POWER PACK

YOUR CPAP MACHINE DOESN'T HAVE TO KEEP YOU FROM ENJOYING THE GREAT OUTDOORS...

Super CPAP Power Packs, the most powerful external power solutions in the world, give CPAP users the freedom to experience new adventures on the road!

START YOUR NEW ADVENTURE TODAY!

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CPAP POWER PACK FEATURES

SUPER CPAP POWER PACKS...
THE MOST POWERFUL CPAP POWER SUPPLIES IN THE WORLD!

- Available in three different sizes and capacities.
- Includes soft side carrying case, AC Charger and DC Power Cord.
- Power gauge on Power Pack indicates remaining usage time.
- Power Pack does not have to be completely discharged before recharging.
- Power Pack can also be used to power other devices that operate from a 12V DC Current such as portable DVD players, iPods, MP3 Players, and cell phones.
- Power Packs are designed and manufactured with a PCB (Protective Circuit Board) which provides the following internal protective safety features:

  (1) Internal protection against thermal run away (overheating)
  (2) Internal protection against over charging
  (3) Internal protection against over discharge
  (4) Internal protection against over voltage and over current
  (5) Internal protection against short circuit

- Perfect for camping! With the addition of the 150 or 225 Watt Sine Wave Inverter (sold separately) you can safely recharge your CPAP Power Pack via the cigarette lighter socket of a vehicle giving you even more time to enjoy your outdoor adventures.

START YOUR NEW ADVENTURE TODAY!

	C-150	C-222	C-444
Capacity	150Wh	222Wh	444Wh
Output Voltage	12V	12V	12V
Output Current (Max)	8A	8A	8A
Power Gauge	Five stage charge level indicator		
Charge Current	2500mAh	2500mAh	2500mAh
*Average Run Time	*15-20 hours	*25-30 hours	*50-55 hours
Recharge Time	4-5 hours	5-6 hours	6-7 hours
**Compatibility	CPAP/Bi-Level machines & other devices which require a 12V power source		
Dimensions	9.8" x 5.9" x 1.3"	9.8" x 5.9" x 1.3"	10 1/8" x 6 7/8" x 2 5/8"
Weight	3 lbs.	4 lbs.	9 lbs.
Warranty	6 months	6 months	6 months

* Power Pack run times vary depending upon several factors including device type, pressure setting & altitude.

** Some CPAP machines may require the 150 or 225 Watt Sine Wave Inverter to complete the connection between the machine and the Power Pack. Usage times will decrease when using the inverter.

WARNING - SAFETY FIRST

The following safety warnings must be observed at all times:

- To prevent fire or shock hazard, do not expose the Power Pack to rain or moisture of any type.

- CAUTION: To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside.

DECLARATION OF CONFORMITY: This class B digital device complies with part 15 of the FCC rule, EMC standard regulations En55022 Class B and Canadian ICES-003. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

PACKING LIST

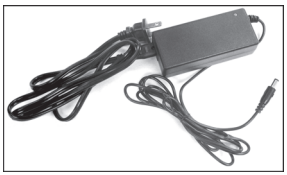
CPAP POWER PACK

C-150 or C-222

C-444

CARRYING CASE

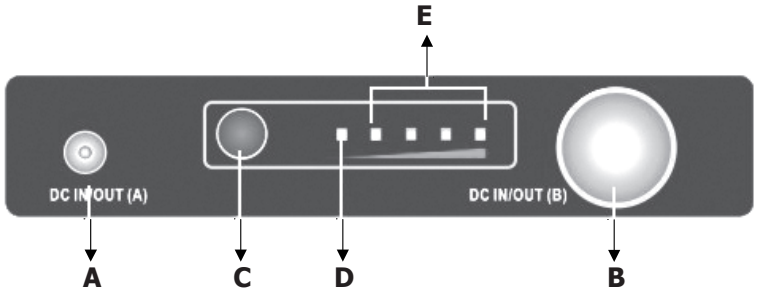
AC CHARGER



DC POWER CORD

CONNECTORS

CONTROL BOARD PART IDENTIFICATION



A. DC IN/OUT JACK **(A)**
B. DC IN/OUT JACK **(B)**
C. TEST BUTTON
D. LOW POWER ALARM
E. POWER METER

CHARGING THE POWER PACK

CHARGING THE POWER PACK A VIA WALL OUTLET

- Connect the DC-out plug of the AC charger to the DC IN/OUT jack (A) of the Power Pack.
- Connect the power cord of the AC charger to a wall outlet.

- The red light of the charger lights up when charging begins.
- When the charger light turns green, normal charge is completed.
- No memory effect. The Power Pack can be recharged at any time regardless of the amount of discharge.

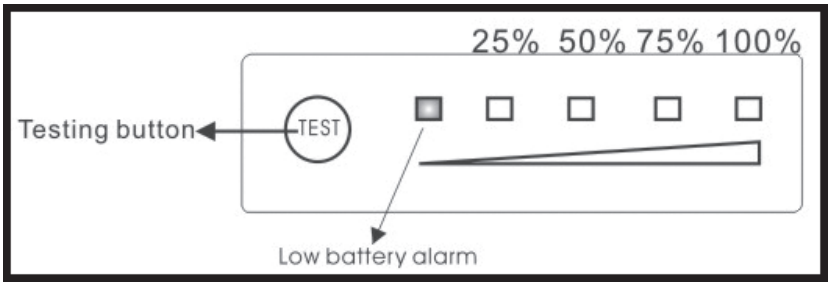
CHARGING THE POWER PACK

- After giving your Power Pack a complete charge please hold the test button down for up to 30 seconds to initialize the indicator lights. You should see up to four green LED lights come on.

  If a blinking red light comes on, this means your Power Pack is turned on. To shut off your Power Pack, hold down the test button until the lights go black.

POWER METER

THE POWER METER MAY BE ACTIVATED AFTER THE FIRST CPAP POWER PACK CHARGING.



Press the TEST button, the number of the LED lights will show you the power level of the Power Pack.

When the low battery alarm LED is flashing, the Power Pack needs to be charged.

- 4 green LED lights 75%-100% power level
- 3 green LED lights 50%-75% power level
- 2 green LED lights 25%-50% power level
- 1 green LED light < 25% power level

CONNECTING THE POWER PACK TO A CPAP MACHINE

- **NOTE: PRODUCTS MANUFACTURED BY RESMED SHOULD NEVER BE POWERED VIA DC CONNECTIONS AS IT WILL RUIN THE DEVICE.** ResMed products should only be connected via a Sine Wave Inverter. (see page 8)

- Connect DC Power Cord to the DC IN/OUT jack (B) on CPAP Power Pack.

- Connect the DC Power Cord to the DC in/out jack located on the CPAP machine.

- If the DC Power Cord will not directly fit in the CPAP machine you will need to use one of the Universal Connectors provided to complete the connection between the Power Pack and the CPAP machine.

- Determine which Universal Connector fits in the DC in/out jack on the CPAP machine and attach that connector to the end of the DC Power Cord. Then connect the DC Power Cord to the Power Pack. If you have trouble locating the correct connector, please refer to additional instructions on the next page.

- Once the connection between the Power Pack and the CPAP machine is complete, press the ON/OFF button on the CPAP machine. Your CPAP machine should start functioning.

LOCATING THE CORRECT UNIVERSAL CONNECTOR

- Locate the DC input port on the CPAP machine.
- Try to insert a connector tip to the DC input port on the CPAP machine and then gently try to plug the connector tip to the DC Power Cord.
- Test all of the connector tips. Create 2 different piles of tips. The first pile will include all the connecter tips that do not fit into the DC input port of your CPAP machine, and the second pile will include a small handful of tips that are potential matches because they physically fit into the DC input port.
- Connect the DC output cable to the Power Pack. Carefully and methodically test each tip from the handful of potential matches that were set aside in the second pile. Plug into your CPAP machine and then try turning it on and see if the CPAP machine begins running.
- Try all of the connector tips because even if you find that one works, there may be another connector tip that makes a better connection. You want to avoid using a loose tip if there is a better match.
- Once you have found the correct connector tip, you may want to store it in a separate place away from your other tips for easy retrieval.

CONNECTING THE POWER PACK TO A CPAP MACHINE THAT DOES NOT HAVE A DC IN/OUT JACK

- If your CPAP machine does not have a DC in/out jack, you will need to use the 150 Watt or 225 Watt Sine Wave Inverter (sold separately) in addition to the Power Pack.

- **NOTE: PRODUCTS MANUFACTURED BY RESMED SHOUD NEVER BE POWERED VIA DC CONNECTIONS AS IT WILL RUIN THE DEVICE.** ResMed products should only be connected via a Sine Wave Inverter.

150 WATT SINE WAVE INVERTER
Dimensions: 5.25" x 2.75" x .5"
Weight: .5 lb

225 WATT SINE WAVE INVERTER
Dimensions: 4.5" x 4.5" x 1.75"
Weight: 1.3 lbs

150 or 225 WATT SINE WAVE INVERTER OPERATION

- Unpack the Sine Wave Inverter.

- Connect the Sine Wave Inverter adapter cord to the side of the Inverter.

- Connect the opposite end of the adapter cord into the DC IN/OUT jack (B) of the Power Pack.

- Connect the regular power cord of your CPAP machine to the Inverter. To connect the power cord to the inverter, slide the small spring loaded button, found on the bottom of the Inverter, back which will reveal the two (2) prong connection.

150 or 225 WATT SINE WAVE INVERTER OPERATION

- Push and hold the TEST button on the Power Pack for 30 seconds. Four green lights should illuminate on the front of the Power Pack.
- Push the ON/OFF button on your CPAP machine. Your CPAP machine should start functioning.

CHARGING THE POWER PACK VIA THE CIGARETTE LIGHTER SOCKET OF A VEHICLE

DO NOT ATTEMPT TO CONNECT POWER PACK DIRECTLY TO CIGARETTE LIGHTER SOCKET!

THE 150 or 225 WATT SINE WAVE INVERTER ALLOWS YOU TO SAFELY CHARGE YOUR CPAP POWER PACK VIA THE CIGARETTE LIGHTER SOCKET OF YOUR VEHICLE.

- Connect the Power Pack AC Charger to the DC IN/OUT jack (A) of the Power Pack.
- Connect the plug of the AC Charger into the Inverter.
- Connect the Inverter adapter cord to the Inverter.

CHARGING THE POWER PACK VIA THE CIGARETTE LIGHTER SOCKET OF A VEHICLE

- Remove the cigarette lighter from the cigarette lighter socket in your vehicle.
- Plug the Inverter adapter cord into the cigarette lighter socket.
- Start your vehicle to begin the charging process.
- When the charging process is complete remove the adapter from the cigarette lighter socket.

SUPER CPAP POWER PACK IMPORTANT NOTES

- DC adaptor included with Power Pack may not be compatible with your CPAP device. Some CPAP devices require a manufacturer DC adaptor cable with built-in fuses or special connection types. When in doubt, please contact the manufacturer of your CPAP device.
- CPAP Power Packs are compatible with most makes and models of CPAP machines; however, some CPAP machines require the additional use of the 150 or 225 Watt Sine Wave Power Inverter to complete the connection between the Power Pack and the CPAP machine.

SUPER CPAP POWER PACK IMPORTANT NOTES

- If you are unsure if the Super CPAP Power Pack will work with your machine, please call your machine's manufacturer. A list of the most popular manufacturers' contact information follows:

DeVilbiss:	1-800-338-1988	www.devilbisshealthcare.com
Fisher & Paykel:	1-800-707-5454	www.fphcare.com
Invacare:	1-800-333-6900	www.invacare.com
Puritan Bennett:	1-800-635-5267	www.puritanbennet.com
Respironics:	1-800-345-6443	www.respironics.com
ResMed:	1-800-424-0737	www.resmed.com

- **USAGE TIMES:** Multiple factors will affect usage times including, but not limited to, device type, pressure settings and altitude.

  Use of the 150 or 225 Watt Sine Inverter in conjunction with the Power Pack will reduce expected usage times.

- Manufacturers specifically do not recommend the use of a humidifier with the Power Pack. Although a humidifier can be used with the Super CPAP Power Pack, the battery usage time will be significantly lower than expected.

- The circuitry in this power pack is designed for 12V output only. Use of the Power Pack with a device that requires more than 12V may cause the Power Pack's internal circuitry to shut off to protect the battery from over run.

- If the Power Pack stops functioning, reconnect the AC charger to the battery to reset the internal circuitry. This will allow the Power Pack to function again.

- If the power meter does not work, hold the battery test button for 10 seconds or until the test lights display. This will activate the power meter.

NOTES